

ABSTRACT OF THE DISCLOSURE

A scintillator panel having a wavelength
conversion member has some problems: lowered durability
to be caused by an area not covered with a protective
5 layer

around a projection formed on the wavelength conversion
member surface; lowered resolution response and CTF
caused by an irregularity of the film thicknesses of
wavelength conversion members and a variation in gaps
10 between wavelength conversion members and sensor
panels; and breakage of the sensor panel by projections
when a radiation detector is formed by bonding the
scintillator panel and sensor panel. At least one of
these problems can be solved by a scintillator panel
15 having projections on the wavelength conversion member
surface whose sizes are reduced, and by a radiation
detector having such a scintillator panel and a sensor
panel bonded together.

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